

FIG. 2  
(Prior Art)

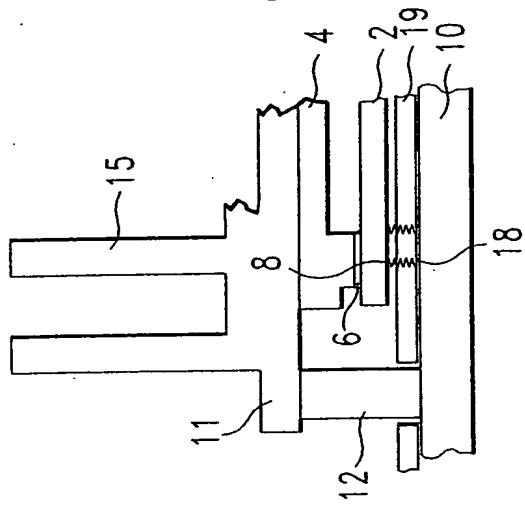
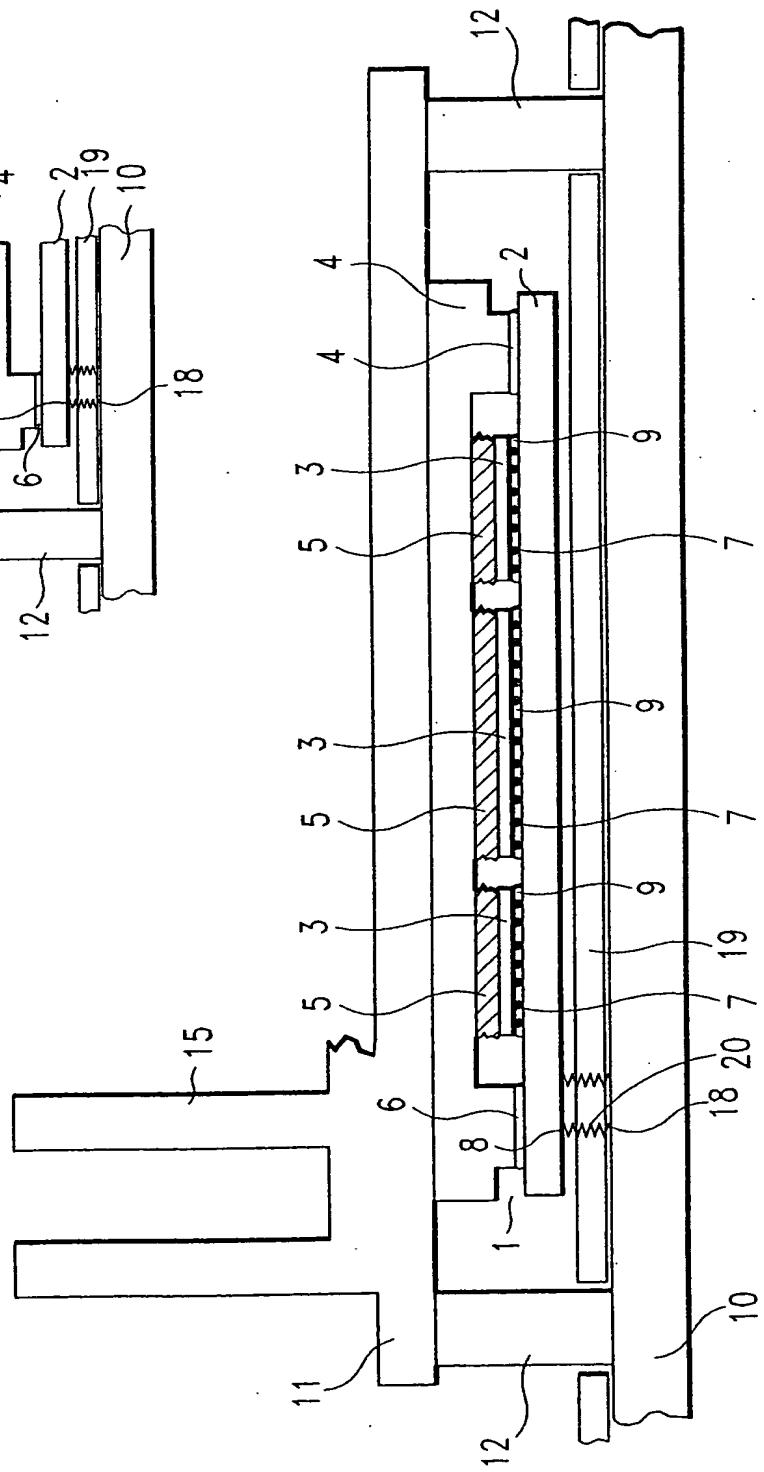


FIG. 1 (Prior Art)



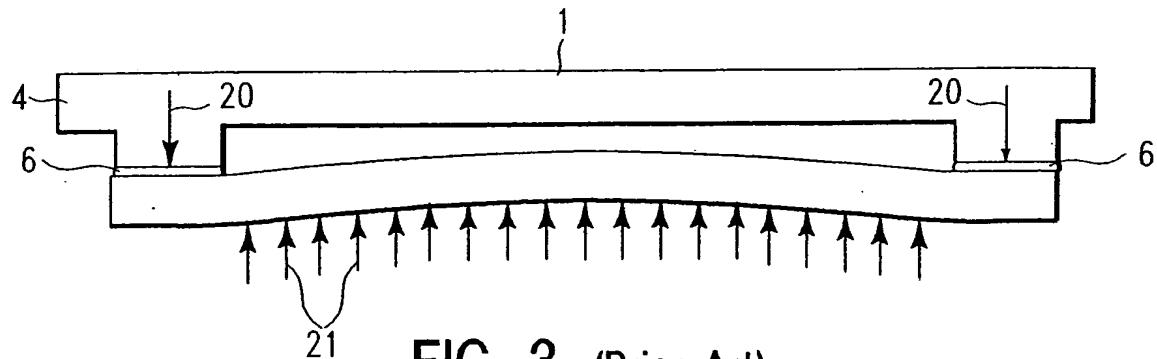


FIG. 3 (Prior Art)

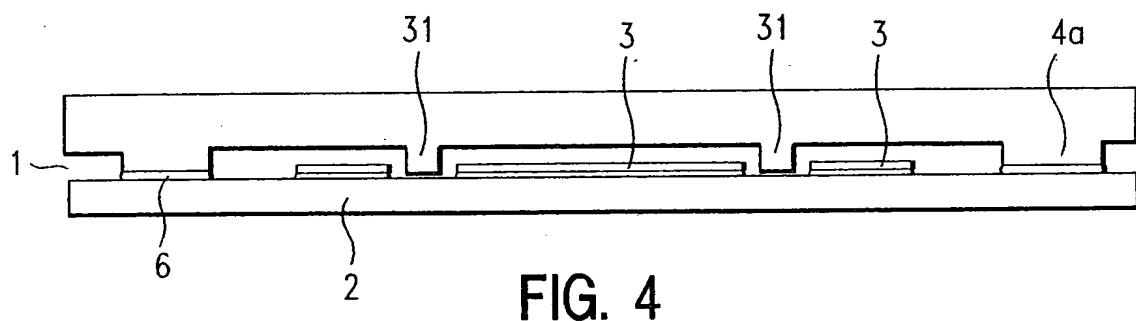


FIG. 4

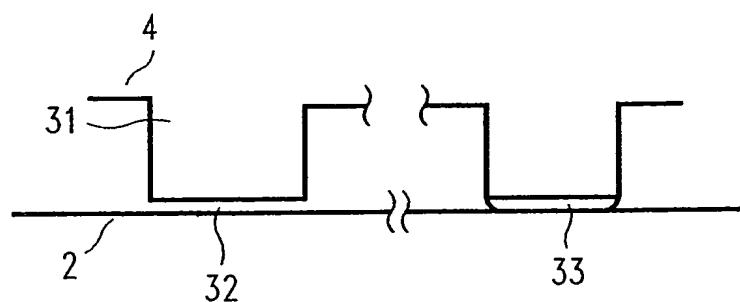


FIG. 5A

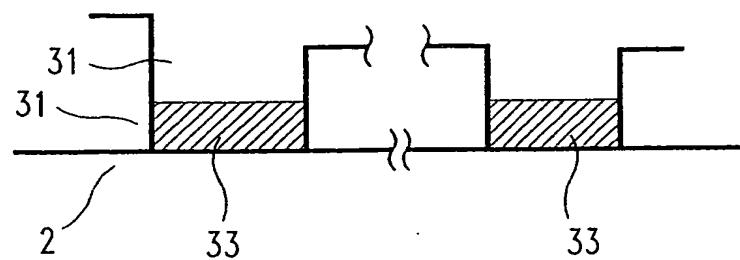


FIG. 5B

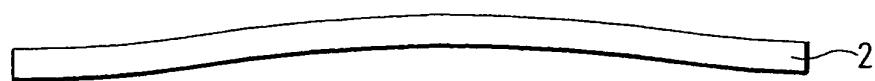


FIG. 6A

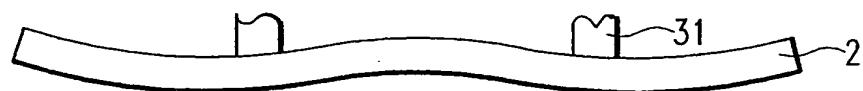


FIG. 6B

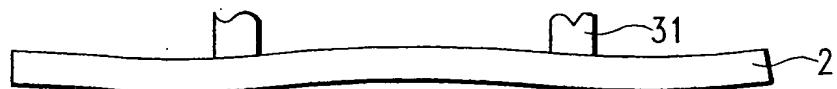


FIG. 6C

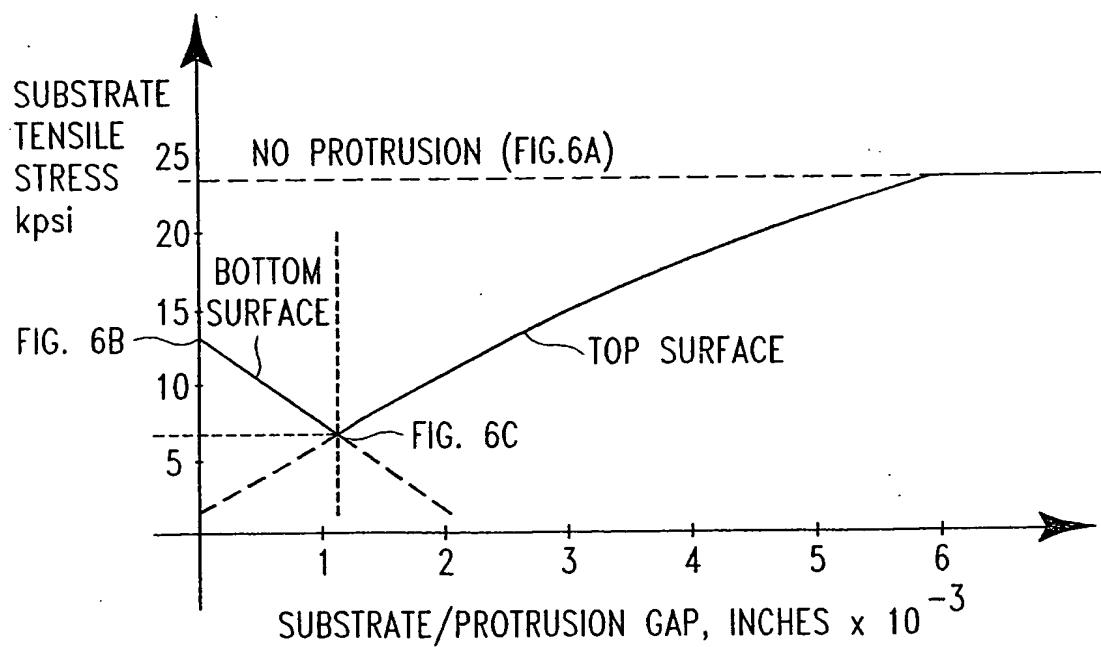
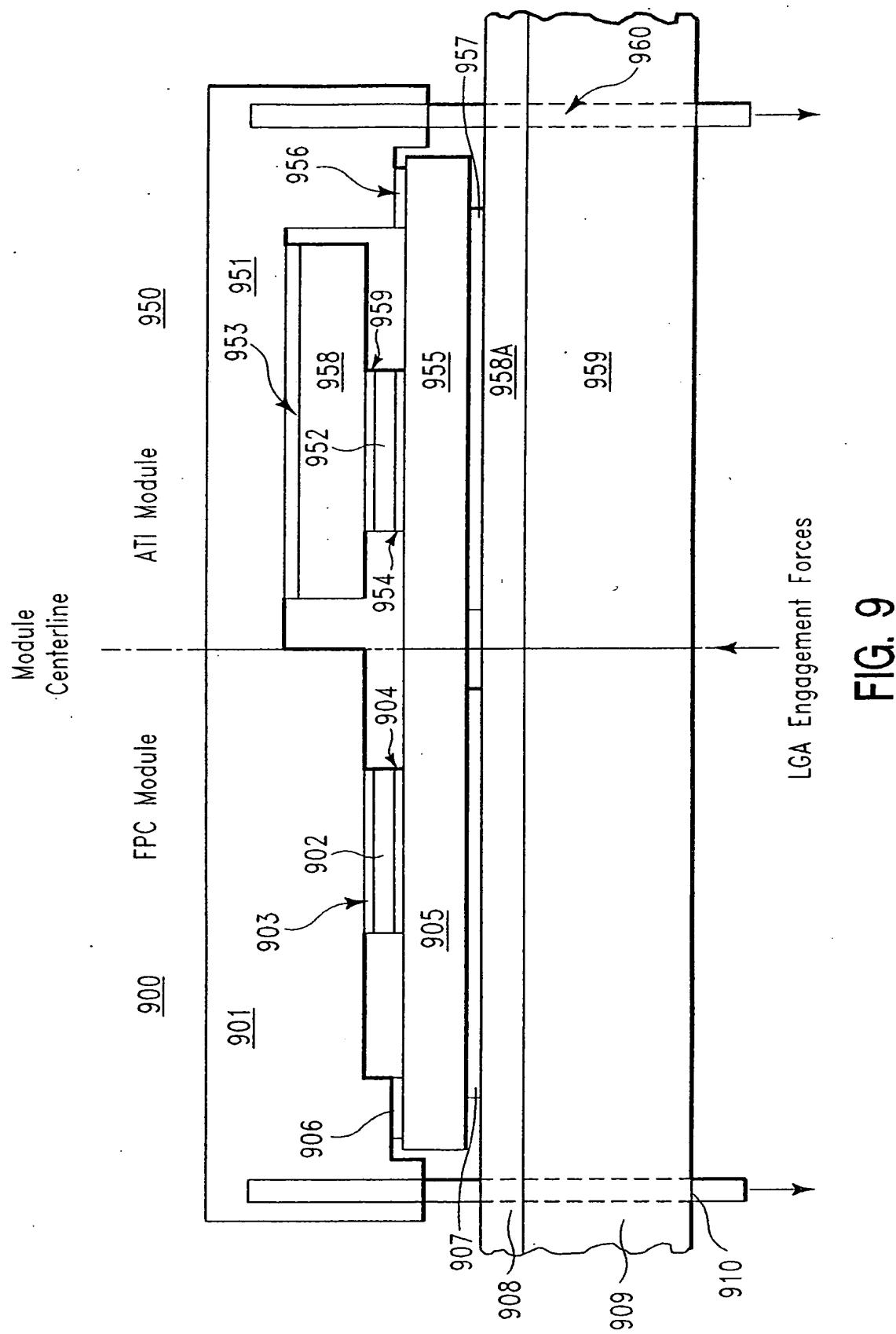


FIG. 7



**FIG. 9**

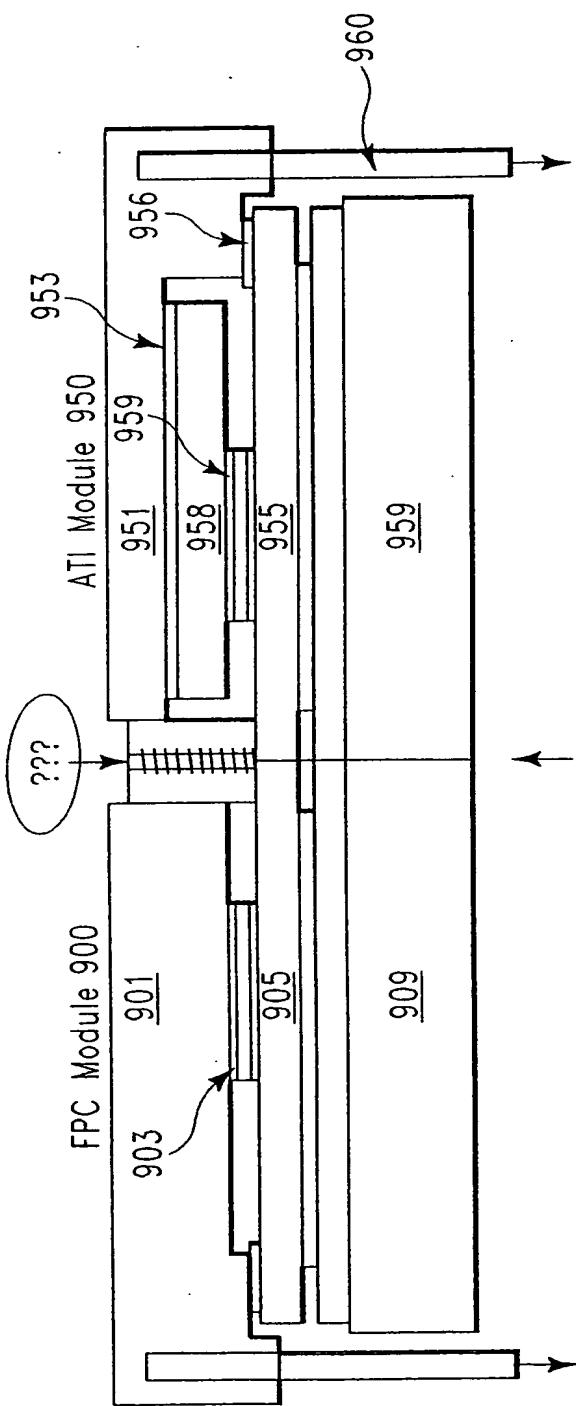


FIG. 10 LGAS Engagement Forces

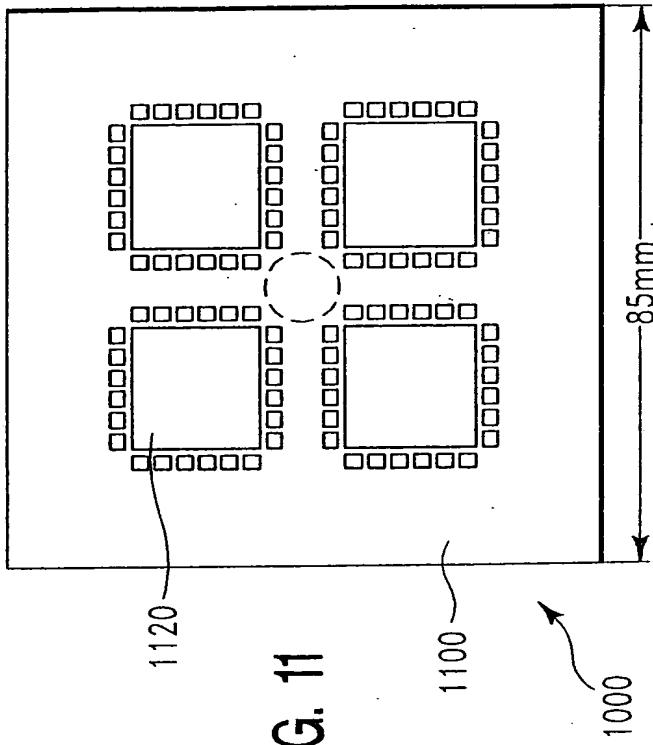
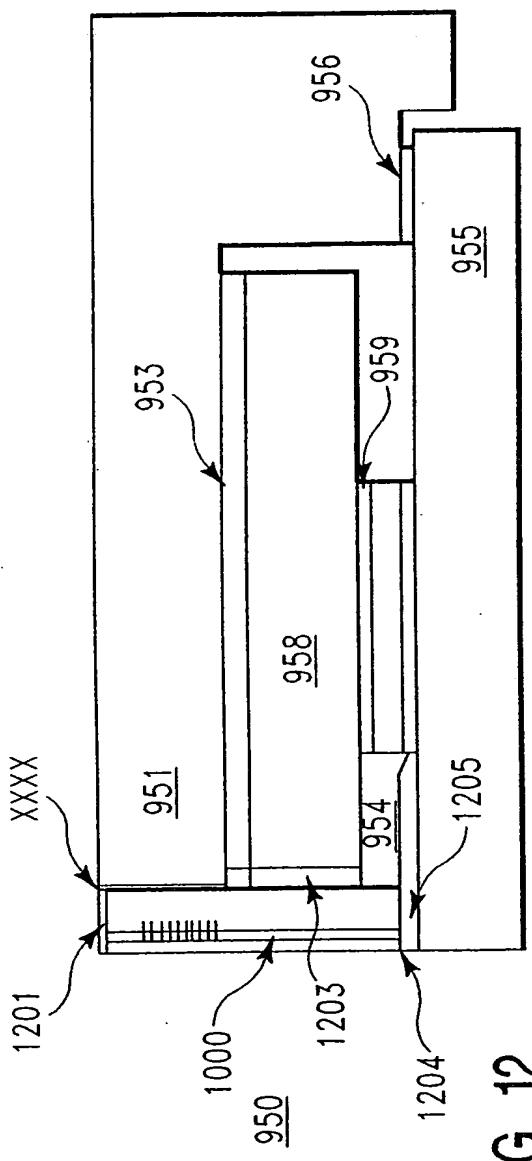


FIG. 11



	With Spar	Without Spar
Glass Ceramic max Z-deflection (mils)	0.98	1.81
Glass Ceramic max S1 Stress (MPa)	~42	~68
Cinch button load range (gm/10)	134-213	119-200
Thermal Paste Strain (% change)	3.0-6.6	1.2-27.8

FIG. 14

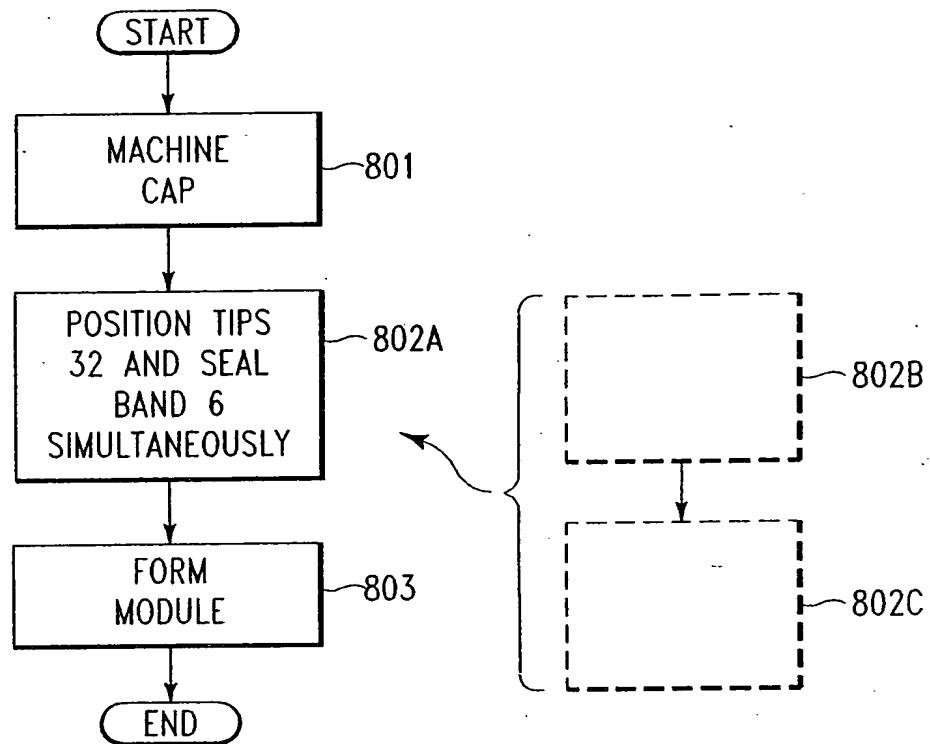


FIG. 8

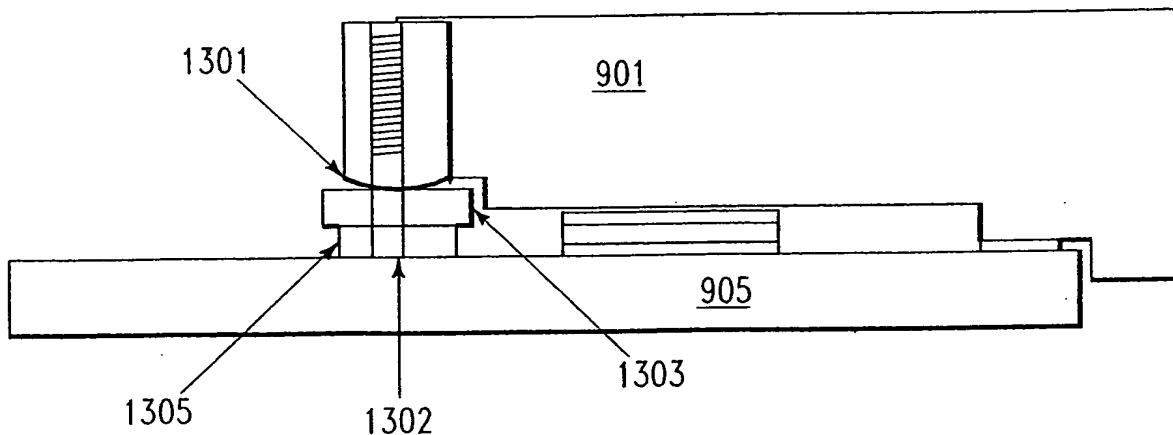


FIG. 13